Total No. of Questions: 8] [Total No. of Printed Pages: 2
Roll No
MCADD-703 M.C.A. (Dual Degree/Integrated Course), VII Semester Examination, November 2018 File Structures
Time : Three Hours Maximum Marks : 70
Note: i) Attempt any five questions. ii) All questions carry equal marks.
1. a) Write down the strength and weakness of CD-ROMS. 7
b) Discuss the method to open, read and write and closing the files in C.
 a) Explain briefly the organization of storage disks with diagram.
b) What are magnetic tapes? Where they are used? How is it different with disk?
3. a) What is an I/O buffer? What is its use? Explain. 7

Define structure in 'C'? Give an example of a structure

Explain the concept of space fragmentation.

b) What is Data Compression? Discuss its types with example.

with the help of 'C' code.

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b)

4. a)

5.	a)	How can we reaction space dynamically?		7
	b)	What do you understand by storage compaction?		7
		and the state of the The state of the state		
6.	a)	What is an Index? Discuss the basic operation indexed, entry sequenced file?	is on	an 7
	b)	example and draw B+ tree.	Give	an 7
		A TABLE AND A SERVICE OF THE SERVICE		
7.	a)	What do you understand by Hashing? Define functions and record distribution?	hash	ing 7
	b)	Explain collision resolution by progressive over	flow	. 7
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8.	Wr	ite short notes:	(d	14
	i)	Hashing files on CD-ROM		
	ii)	Retrieving record by keys		
	iii)	Record in C		
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